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Species	n	2n	DOCUMENTATION AND COLLECTOR	GENERAL DISTRIBUTION
	Subgenus Lo	NICERA (Subgen. Ch. SECT. ISOXYLOSTE	namaecerasus (L.) Rehd.) EUM Rehd.	
Subsect. Microstylae Rehd. L. angustifolia Wall. ex DC.	9		See Mehra & Gill in Löve (1968, p. 576). Based on Mehra & Gill 1291 (PUNJAB), Simla, W. Himalayas	Himalayas
*L. syringantha Maxim.	18		AA 405-35, Palmer, 1 June & 26 Aug. 1936	North & West China
*var. wolfii Rehd.	18	36	AA 4992-2, Allen, 1 June 1927, also Dudley & Dodd, 28 May 1965	West China
*cv. Grandiflora		36	AA 1089-61, Rüdenberg, 18 May 1966	
		Sect. Isika (Adar	ns.) Rehd.	
Subsect. CAERULEAE Rehd.				
L. villosa (Mich.) Roem. & Schult.		18	See Löve & Löve (1966, p. 51). Based on Löve & Löve 7496 & 7591, Mt. Wash- ington, New Hampshire	Northeastern North America
Subsect. PILEATAE Rehd.				
Subsect. PILEATAE Rehd. *L. pileata Oliv.		18	AA 151031-B, Dudley & Dodd, 28 May 1965	Central and western China
	9	18		
* L . pileata Oliv. * L . nitida Wils.	9	18	Dodd, 28 May 1965 AA 225-28-E, Green, 4 Nov. 1965 and (as 225-28) Kobuski & Roush, 14 Sept.	
*L. pileata Oliv.	9		Dodd, 28 May 1965 AA 225-28-E, Green, 4 Nov. 1965 and (as 225-28) Kobuski & Roush, 14 Sept. 1931 AA 923-49, Green,	western China
*L. pileata Oliv. *L. nitida Wils. Subsect. Vesicariae (Komar.) Rehd L. ferdinandii Franch. Subsect. Bracteatae (Hook. f. & Th	18		Dodd, 28 May 1965 AA 225-28-E, Green, 4 Nov. 1965 and (as 225-28) Kobuski & Roush, 14 Sept. 1931 AA 923-49, Green, 4 Nov. 1965 AA 21595 (Rock 13519, Kansu, 1925), Kreps,	Western China
*L. pileata Oliv. *L. nitida Wils. Subsect. Vesicariae (Komar.) Rehd	18		Dodd, 28 May 1965 AA 225-28-E, Green, 4 Nov. 1965 and (as 225-28) Kobuski & Roush, 14 Sept. 1931 AA 923-49, Green, 4 Nov. 1965 AA 21595 (Rock 13519, Kansu, 1925), Kreps,	Western China
*L. pileata Oliv. *L. nitida Wils. Subsect. Vesicariae (Komar.) Rehd. L. ferdinandii Franch. Subsect. Bracteatae (Hook. f. & Th. L. altmannii Reg. & Schmalh.	18	18	Dodd, 28 May 1965 AA 225-28-E, Green, 4 Nov. 1965 and (as 225-28) Kobuski & Roush, 14 Sept. 1931 AA 923-49, Green, 4 Nov. 1965 AA 21595 (Rock 13519, Kansu, 1925), Kreps, 25 May 1964 AA 14999, Rehder,	Western China Western China Northern China
*L. pileata Oliv. *L. nitida Wils. Subsect. Vesicariae (Komar.) Rehd L. ferdinandii Franch. Subsect. Bracteatae (Hook. f. & Th L. altmannii Reg. & Schmalh. *var. pilosiuscula Rehd.	noms.) Rehd.	18	Dodd, 28 May 1965 AA 225-28-E, Green, 4 Nov. 1965 and (as 225-28) Kobuski & Roush, 14 Sept. 1931 AA 923-49, Green, 4 Nov. 1965 AA 21595 (Rock 13519, Kansu, 1925), Kreps, 25 May 1964 AA 14999, Rehder,	Western China Northern China Turkestan Northern America
*L. pileata Oliv. *L. nitida Wils. Subsect. Vesicariae (Komar.) Rehd L. ferdinandii Franch. Subsect. Bracteatae (Hook. f. & Th. L. altmannii Reg. & Schmalh. *var. pilosiuscula Rehd. Subsect. Distegiae (Raf.) Rehd. L. involucrata (Richards.) Banks ex. Subsect. Alpigenae Rehd.	noms.) Rehd.	18	Dodd, 28 May 1965 AA 225-28-E, Green, 4 Nov. 1965 and (as 225-28) Kobuski & Roush, 14 Sept. 1931 AA 923-49, Green, 4 Nov. 1965 AA 21595 (Rock 13519, Kansu, 1925), Kreps, 25 May 1964 AA 14999, Rehder, 5 May 1927 See Taylor & Mulligan (1968, p. 109). Based on CTS 35077 & CT 35434, Graham Is., British	Western China Northern China Turkestan Northern America and south into
*L. pileata Oliv. *L. nitida Wils. Subsect. Vesicariae (Komar.) Rehd. L. ferdinandii Franch. Subsect. Bracteatae (Hook. f. & Th. L. altmannii Reg. & Schmalh. *var. pilosiuscula Rehd. Subsect. Distegiae (Raf.) Rehd. L. involucrata (Richards.) Banks ex	noms.) Rehd.	18	Dodd, 28 May 1965 AA 225-28-E, Green, 4 Nov. 1965 and (as 225-28) Kobuski & Roush, 14 Sept. 1931 AA 923-49, Green, 4 Nov. 1965 AA 21595 (Rock 13519, Kansu, 1925), Kreps, 25 May 1964 AA 14999, Rehder, 5 May 1927 See Taylor & Mulligan (1968, p. 109). Based on CTS 35077 & CT 35434, Graham Is., British	Western China Northern China Turkestan Northern America and south into

^{*} This is the first publication of a documented count for this taxon. † Due to an error 2n = 18 was incorrectly recorded for this plant in part I, p. 234.

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SPECIES

DOCUMENTATION

AND COLLECTOR

GENERAL

DISTRIBUTION

Subsect. RHODANTHAE (Maxim.) F	Rehd.				
L. tatarinowii Maxim.		18	AA 17-44-B (Meyer 1938a, China, 1913), Palmer, 27 May 1936	Northern China & Korea	
*var. sachalinensis Fr. Schmidt		36	AA 10102-C (Wilson 8875, Korea, 1917), Dudley, 4 June 1965, and Rüdenberg, 25 May 1966	Saghalin and Korea	
	18		AA 598-38-B, Dudley, 4 June 1965, and Rüdenberg, 25 May 1966		
. orientalis Lam.		18	AA 201–38–A. Dudley, 4 June 1965	Asia Minor to western China	
	9		AA 956-34 (Balls 1656, Turkey, 1934), Green, 2 June 1964		
*var. longifolia (Dipp.) Rehd.		18	AA 15102, Palmer, 13 June 1940		
	Sect. Loni	CERA (Sect. Coel	oxylosteum Rehd.)		
Subsect. Tataricae Rehd. L. tatarica L.		1.0	AA 288-41-A, Green,		
z, varar rea 12.		18	31 May 1965	Eastern Europe to Turkestan	
	9		AA 69-64, Rüdenberg, 10 May 1968		
f. sibirica (Pers.) Rehd.	9		AA 716-45-B, Kreps, 26 May 1964		
f. sibirica (Pers.) Rehd. *cv. Albo-Rosea	9	18			
	9	18	26 May 1964 AA 1199-62, Gibson,		
*cv. Albo-Rosea	9 9		26 May 1964 AA 1199-62, Gibson, 17 May 1968 AA 96-61, Rüdenberg,		
*cv. Albo-Rosea *cv. Cardinal 101	9 9 9		26 May 1964 AA 1199-62, Gibson, 17 May 1968 AA 96-61, Rüdenberg, 27 May 1966 AA 97-61, Rüdenberg,		
*cv. Albo-Rosea *cv. Cardinal 101 *cv. Plumfield Red	9 9 9	18	26 May 1964 AA 1199-62, Gibson, 17 May 1968 AA 96-61, Rüdenberg, 27 May 1966 AA 97-61, Rüdenberg, 27 May 1966 AA 1240-64, Rüdenberg,	Cultivation	
*cv. Albo-Rosea *cv. Cardinal 101 *cv. Plumfield Red *cv. Red Giant	9	18	26 May 1964 AA 1199-62, Gibson, 17 May 1968 AA 96-61, Rüdenberg, 27 May 1966 AA 97-61, Rüdenberg, 27 May 1966 AA 1240-64, Rüdenberg, 10 May 1968 AA 15141, Kobuski & Metcalfe, 16 May 1930		
*cv. Albo-Rosea *cv. Cardinal 101 *cv. Plumfield Red *cv. Red Giant L. × xylosteoides Tausch	9	18	26 May 1964 AA 1199-62, Gibson, 17 May 1968 AA 96-61, Rüdenberg, 27 May 1966 AA 97-61, Rüdenberg, 27 May 1966 AA 1240-64, Rüdenberg, 10 May 1968 AA 15141, Kobuski & Metcalfe, 16 May 1930 AA 762-64, Rüdenberg, 10 May 1968	Cultivation	
*cv. Albo-Rosea *cv. Cardinal 101 *cv. Plumfield Red *cv. Red Giant L. × xylosteoides Tausch Subsect. Ochranthae (Zabel) R	9	18	26 May 1964 AA 1199-62, Gibson, 17 May 1968 AA 96-61, Rüdenberg, 27 May 1966 AA 97-61, Rüdenberg, 27 May 1966 AA 1240-64, Rüdenberg, 10 May 1968 AA 15141, Kobuski & Metcalfe, 16 May 1930 AA 762-64, Rüdenberg,		
*cv. Albo-Rosea *cv. Cardinal 101 *cv. Plumfield Red *cv. Red Giant L. × xylosteoides Tausch Subsect. Ochranthae (Zabel) R	9	18	26 May 1964 AA 1199-62, Gibson, 17 May 1968 AA 96-61, Rüdenberg, 27 May 1966 AA 97-61, Rüdenberg, 27 May 1966 AA 1240-64, Rüdenberg, 10 May 1968 AA 15141, Kobuski & Metcalfe, 16 May 1930 AA 762-64, Rüdenberg, 10 May 1968 AA 572-1-A, Palmer, 15 May & 7 July 1936		

^{*} This is the first publication of a documented count for this taxon.

SPECIES	n	2n	DOCUMENTATION AND COLLECTOR	DISTRIBUTION GENERAL
L. × muendeniensis Rehd.	9		AA 1314-62, Rüdenberg, 10 May 1968	Cultivation
	9		AA 793-64, Rüdenberg, 10 May 1968	
		18	AA 1193-65, Rüdenberg, 10 May 1968	
f. xanthocarpa Hort.		18	AA 188-36-A, Kreps, 25 May 1964	
L. xylosteum L.	9		AA 765-34, Rüdenberg, 26 May 1966	Europe to Altai Mts.
	9		AA 358-62, Gibson, 17 May 1968	
*f. mollis (Regel) Rehd.	9		AA 66-37, Kreps, 26 May 1964	
*cv. Nana	9		AA 626-62, Rüdenberg, 16 May 1968	
L. chrysantha Turcz.	9		AA 1044-37-A, Green, 31 May 1965	Northeast Asia and Japan
f. regeliana (Kirchn.) Rehd.	9		AA 587-54, Green, 20 May 1965	
*L. × pseudo-chrysantha Braun ex Re	end. 9		AA 686-54, Rüdenberg, 18 May 1966	Cultivation
L. koehneana Rehd.	9		AA 632-64, Rüdenberg, 10 May 1968	Western China
L. maackii (Rupr.) Maxim.	9	18	AA 15109-2, Palmer, 13 June & 7 Oct. 1940, and Flint, 19 Sept. 1966	Manchuria and China
f. podocarpa Franch. ex Rehd.		18	AA 7190-B (Wilson 194, W. Hupeh, 1907), Dodd, 28 June 1965, and Flint, 19 Sept. 1966	China
		18	AA 12319 (Hers 1358, China, 1919), Palmer, 27 May & 9 Sept. 1936, and Flint, 19 Sept. 1966	
		18	AA 15050-B (Wilson 194bis, W. Hupeh, 1907), Palmer, 24 Sept. 1936, and Dudley & Dodd, 28 June 1965, and Flint, 19 Sept. 1966	
		18	AA 23153-A, Dudley & Dodd 28 June 1965, and Flint 19 Sept. 1966	
L. quinquelocularis Hardw. f. translucens (Carr.) Zabel		18	AA 213-59-A, Green, 21 June 1965	Afghanistan to the Himalaya
		18	AA 213-59-B, Appenzeller, 9 June 1966	
		Sect. NINTOOA (Sv	veet) Maxim.	
Subsect. Longiflorae Rehd.				
L. japonica Thunb. *var. halliana (Dippel) Nicholson		18	AA 953-1, Sargent,	Eastern Asia

^{*} This is the first publication of a documented count for this taxon.

TABLE. Additional chromosome numbers in Lonicera (Continued)

SPECIES	71	211	DOCUMENTATION AND COLLECTOR	GENERAL DISTRIBUTION
*var. repens (Sieb.) Rehd.	9	18	AA 897-49, Appenzeller, 20 June 1966	
*cv. Aureo-Reticulata		18	AA 1445-63, Fordham, July 1965	
Subgenu	S CAPRIFOLIUM	(Adans.) Dippel (S	ubgen. Periclymenum (Mill.) Rehd.)
Subsect. CYPHEOLAE (Raf.) Rehd.				
*L. glaucescens Rydberg	9	18	AA 1031-52-A, Appenzeller, 9 June 1966	Northeastern North America
Subsect. Eucaprifolia (Spach) Re	hd.			
*L. caprifolium L.	9		AA 699-62, Dudley, 10 July 1965	Europe and western Asia
*L. × heckrottii Hort. ex Rehd.		ca. 45	AA 113-49-A, Rüdenberg, 8 June 1966, and Gibson, 14 June 1968	Cultivation

^{*} This is the first publication of a documented count for this taxon.

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ROYAL BOTANIC GARDENS
KEW, RICHMOND, SURREY
ENGLAND

EXPLANATION OF PLATES

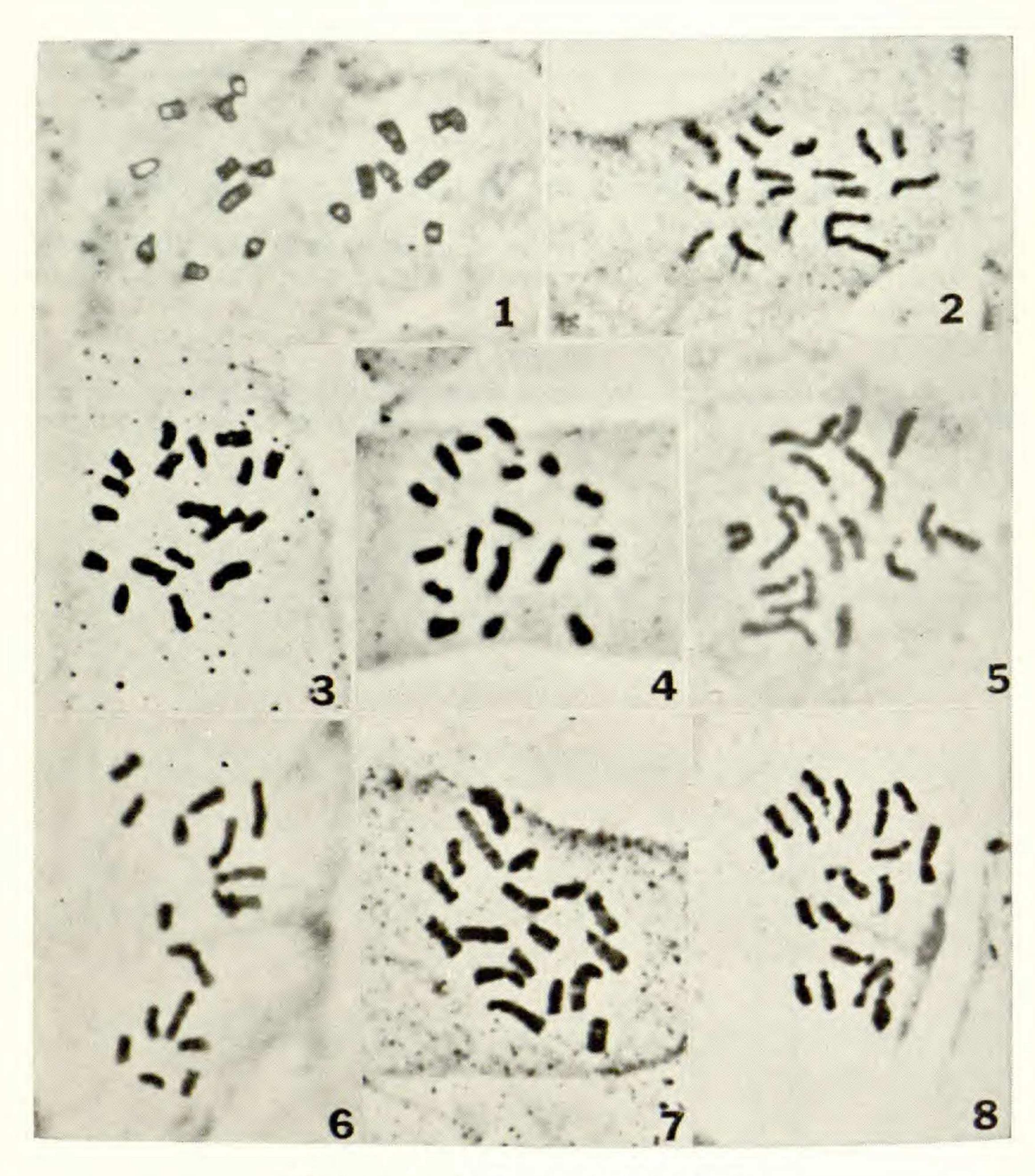
FIGURES 1-10. Mitotic divisions in species of Lonicera. All photomicrographs (X ca. 1800) show cells at metaphase with the exception of Fig. 9, which is at late prophase.

PLATE I

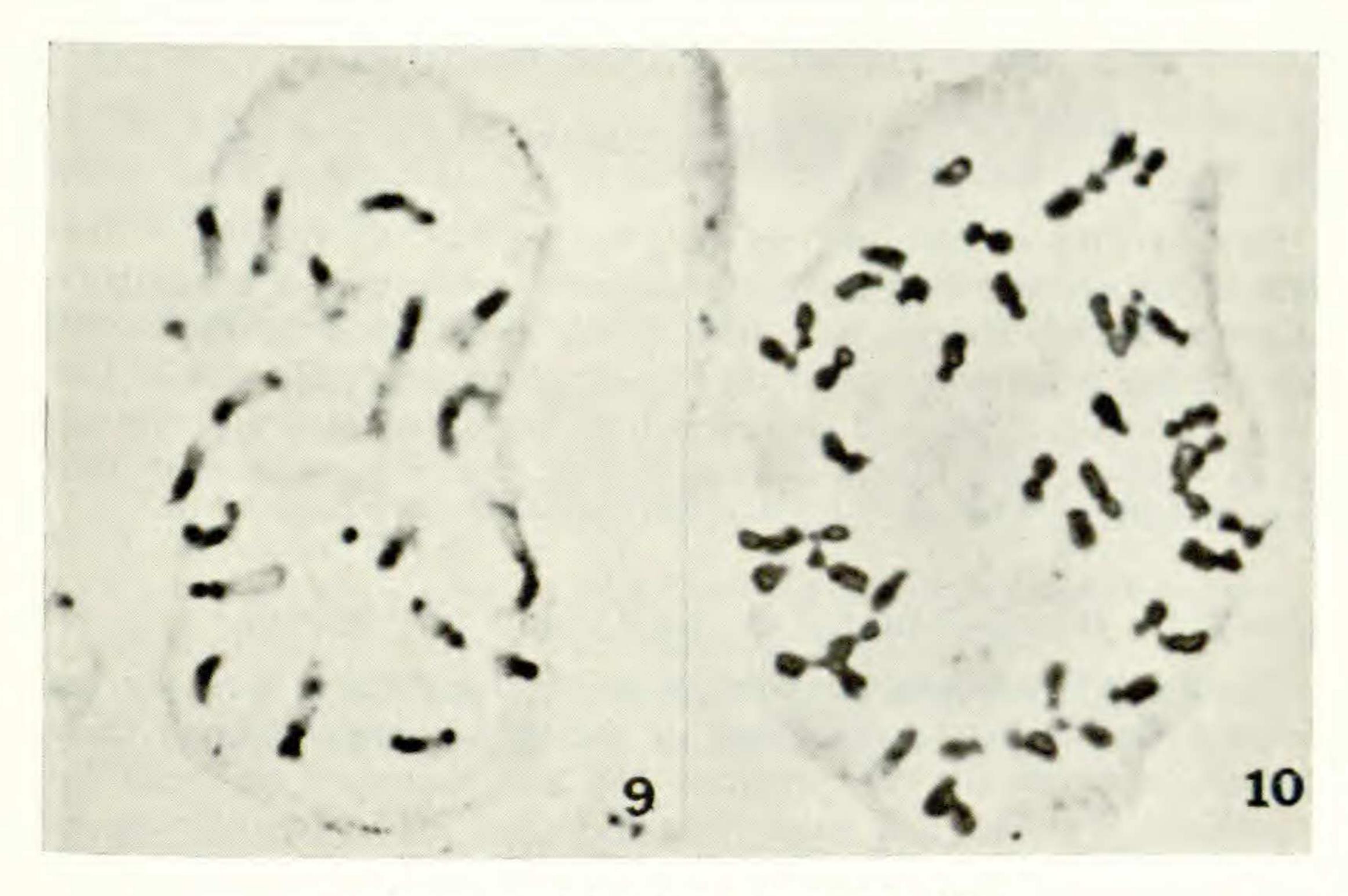
Fig. 1, L. altmannii var. pilosiuscula (AA 14999); Fig. 2, L. involucrata (AA 16-44); Fig. 3, L. modesta (AA 24-36); Fig. 4, L. morrowii (AA 1283-65); Fig. 5, L. × bella (AA 48-42-B); Fig. 6, L. chrysantha (AA 1044-37-A); Fig. 7, L. japonica cv. Aureo-Reticulata (AA 1445-63); Fig. 8, L. etrusca (AA 231-46).

PLATE II

Fig. 9, L. etrusca (AA 231-46), note differentially stained chromosome segments at end of prophase. Fig. 10, $L. \times heckrottii$ (AA 113-49-A), ca. pentaploid.



RÜDENBERG & GREEN, LONICERA, II



RÜDENBERG & GREEN, LONICERA, II

NOTES ON WEST INDIAN ORCHIDS, I

LESLIE A. GARAY

DURING THE COURSE of routine identifications of collections from various parts of the West Indies, several new species as well as a number of nomenclatorial changes have been noted. A study of the flora of the West Indies is currently under way by Dr. Richard A. Howard of Harvard University, which will document both the distribution and diversity of all orchid species known in that floristic region. In the mean time, notes, similar to this one, will be published seriatim.

Habenaria Dussii Cogn. in Urb. Symb. Antill. 6: 307. 1909.

There is a flower from the holotype of *H. Dussii* Cogn. given by Professor Cogniaux to the collections of the Orchid Herbarium of Oakes Ames. Since then the type specimen has been destroyed in Berlin during World War II. This single flower enabled me to identify the following two collections reported for the first time outside the island of Guadeloupe.

Puerto Rico: Sierra de Luquillo, open grass-sedge savannah, wet, in cloud forest along El Toro trail, south side of El Yunque, R. A. Howard & G. Taylor 18701 (AMES).

St. Vincent: St. David Parish, Soufrière Mountain, in tundra-like growth at elevation of 2800 ft. Entire plant green, G. R. Cooley 8446 (AMES).

Cryptophoranthus erosus Garay, sp. nov.

Fig. 1a-d.

Epiphytica, caespitosa, usque ad 3 cm. alta; radicibus crassiusculis, elongatis, satis profusis, flexuosis, glabris; caulibus secundariis erectis, abbreviatis, vaginis infundibuliformibus obtectis, usque ad 5 mm. longis; foliis oblongo-lanceolatis, carnosis, acutis, basin versus sensim in petiolo 1–2 mm. longo attenuatis, margine erosis, usque ad 2.5 cm. longis, 5 mm. latis; inflorescentiis abbreviatis, sessilibus, unifloris; bracteis ovato-cucullatis, dorsaliter carinatis, 4 mm. longis; floribus satis magnis, carnosulis, atropurpureis; sepalo postico spathulato-rhombeo, valde concavo, 3-nervio, dorsaliter apicem versus carinato mucronatoque, 14 mm. longo, 6.5 mm. lato; sepalis lateralibus usque ad apicem in synsepalo conniventibus, valde concavis, dorsaliter carinatis, acutis, 15 mm. longis, inter se 6 mm. latis; petalis carnosis, subfalcato-lanceolatis, acuminatis, uninerviis, 4 mm. longis, 1 mm. latis; labello breviter angusteque unguiculato, deinde suborbiculari expanso, margine valde eroso; disco utrinque carnoso carinato in medio, antice pectinato, 4.5 mm. longo, 3 mm. lato;

columna clavata, late alata, clinandrio lacero; ovario cylindrico, verrucoso, 2 mm. longo.

Dominican Republic: in the vicinity of Constanza. Flowers deep purple. Collected by Rev. Donald Dod and cultivated by him for Bro. Alain H. Liogier 13508 (NY, type!).

This new species vegetatively resembles *C. sarcophyllus* (Rchb.f.) Schltr. from Venezuela, but the latter has broader, entire leaves, as well as dissimilar petals and lip.

Pleurothallis Dodii Garay, nom. nov.

Basionym: Pleurothallis cryptantha Cogn. in Urb. Symb. Antill. 7: 176. 1912, not Barb. Rodr. 1877.

A recent collection by Rev. D. Dod, s.n. (NY), of this rare species in the Dominican Republic: Las Abejas, Cabo Rojo, has shown that the disc of the lip is covered with fine, but sparsely distributed, hairs as are the margins. This character, although not mentioned in the original description by Cogniaux, is present on the holotype which I have recently examined in Bruxelles.

Lepanthopsis Dodii Garay, sp. nov.

Fig. 2e-f.

Epiphytica, caespitosa, usque ad 8 cm. alta; radicibus filiformibus, flexuosis, glabris; caulibus secundariis erectis, gracilibus, vaginis satis distantibus, adpressis, sursum dilatatis hispidulisque omnino obtectis, usque ad 4 cm. longis; foliis tenuibus, ellipticis, acutis vel obtusiusculis, margine muricato-denticulatis, usque ad 2 cm. longis, 6 mm. latis; inflorescentiis capillaribus, subdense multifloris, usque ad 4 cm. longis; bracteis infundibuliformibus, acuminatis, 1 mm. longis; floribus tenuibus, diaphanis, patentibus, glabris; sepalo postico ovato-lanceolato, acuminato, uninervio, 2 mm. longo, 1 mm. lato; sepalis lateralibus inter se usque ad medium connatis, ovato-lanceolatis, acuminatis, uninervis, 2 mm. longis, inter se 1.5 mm. latis; petalis ellipticis vel subrhombeis, acutis vel obtusis, 1 mm. longis, 0.5 mm. latis; labello carnoso, triangulari-cordato, 3-nervio, 1 mm. longo latoque; columna humili, crassa, apoda; ovario pedicellato 2 mm. longo.

Dominican Republic: Polo, epiphytic on trees, Rev. D. Dod 43 (AMES, type!).

Lepanthopsis Dodii Garay differs from L. acuminata Ames in having smaller flowers, proportionately shorter and broader sepals, and differently shaped petals.

Since my revision of the genus in The Orchid Journal 2: 467-469. 1953, I have examined the types of all West Indian *Pleurothallis* species. Among these species the following need to be transferred to the genus *Lepanthopsis*.

Lepanthopsis barahonensis (Cogn.) Garay, comb. nov.

Basionym: Pleurothallis barahonensis Cogn. in Urb. Symb. Antill. 7: 177. 1912.

Lepanthopsis blepharophylla (Griseb.) Garay, comb. nov.

Basionym: Pleurothallis blepharophylla Griseb. Cat. Pl. Cub. 260. 1866.

Lepanthopsis dentifera (L. O. Wms.) Garay, comb. nov.

Basionym: Pleurothallis dentifera L. O. Wms. in Ceiba 1: 227. 1951.

Lepanthopsis Fuertesii (Cogn.) Garay, comb. nov.

Basionym: Pleurothallis Fuertesii Cogn. in Urb. Symb. Antill. 7: 178. 1912.

Brachionidium ciliolatum Garay, sp. nov.

Fig. 3g-j.

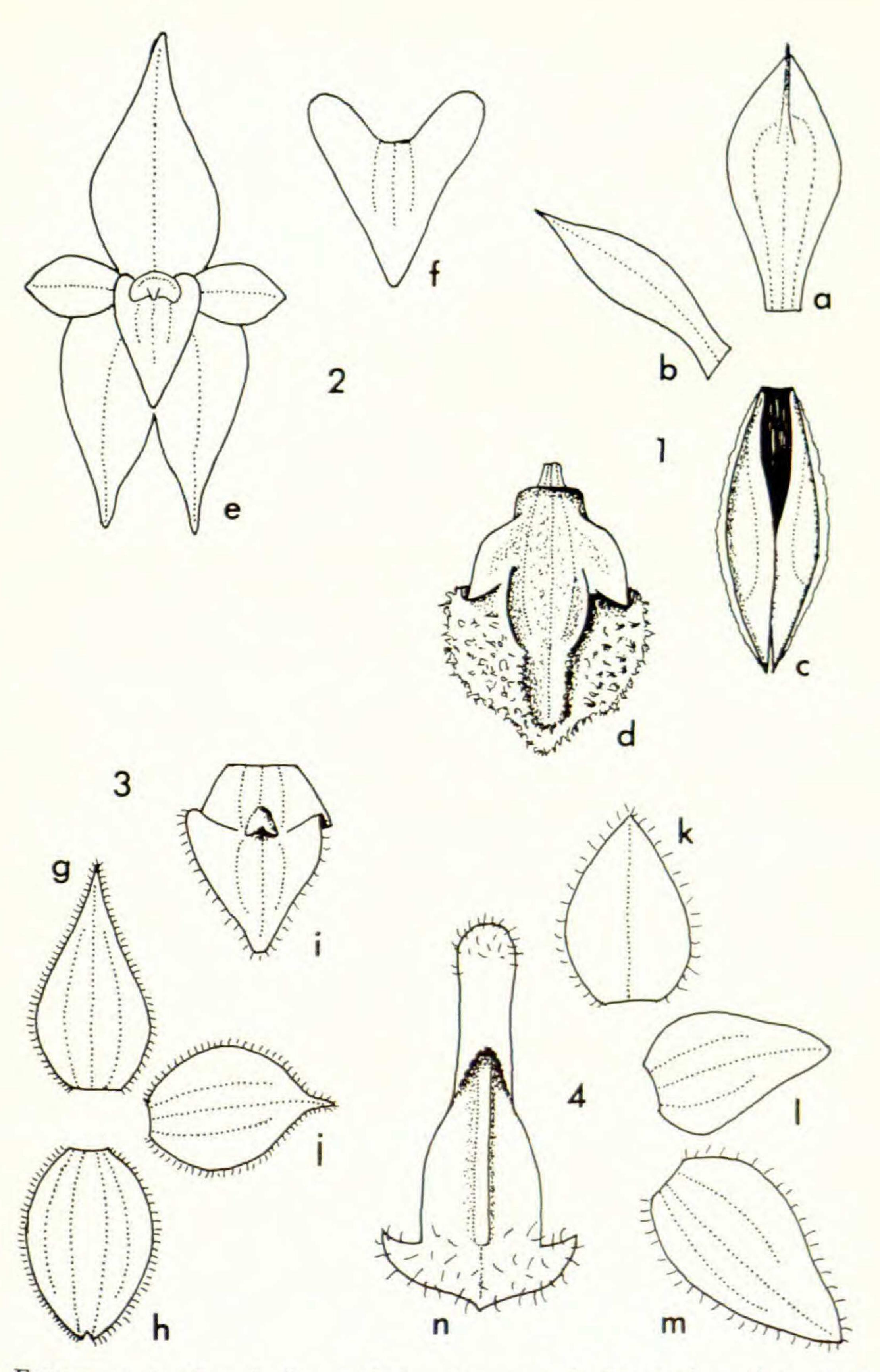
Epiphytica, parvula, ascendenti, usque ad 7 cm. alta; radicibus filiformibus, glabris; rhizomate ascendenti, cauliformi, vaginis scariosis, infundibuliformibus imbricantibusque omnino obtecto; caulibus secundariis vix ullis, monophyllis; foliis pergameneis, oblongo-ellipticis, acutis, subpetiolatis, usque ad 2 cm. longis, 5 mm. latis; inflorescentiis singulis, unifloris; pedunculo capillari, in medio univaginato, usque ad 3 cm. longo; bracteis infundibuliformibus, ovariis pedicellatis aequilongis; floribus pro genere satis parvulis, ciliolatis; sepalo postico ovato-lanceolato, subacuminato, 3-nervato, margine ciliolato, 7 mm. longo, 4 mm. lato; sepalis lateralibus usque ad apicem connatis, ibi bidentatis, ellipticis, obtusis, 4nervatis, margine ciliolatis, 6 mm. longis, 4 mm. latis; petalis ellipticis, apice subito in apiculo triangulari-subfalcato, acuminato productis, 3nervatis, margine ciliolatis, 6 mm. longis, 4 mm. latis; labello carnoso, e cuneata basi subsigmoideo, antice triangulari, acuto, 3-nervato, margine valde ciliolato; disco callo pulvinari, antice exciso ornato; toto labello 3 mm. longo, 2.5 mm. lato; columna humili, crassa, vix 1 mm. alta; ovario pedicellato ca. 2 mm. longo.

Puerto Rico: Pico del Oeste, Sierra de Luquillo, 1020 m. alt. Epiphytic orchid, plants with 3-4 leaves; flowers yellow-green, apparently do not open. Study trail area. R. A. Howard & L. I. Nevling 16929 (AMES, type!).

This new species closely resembles *B. parvum* Cogn. both in size and in general appearance. It differs, however, in the shape of the floral segments which are not caudate. Both *B. tetrapetalum* (Lehm. & Krzl.) Schltr., and *B. simplex* Garay, although similar in appearance to *B. ciliolatum* Garay, have dissimilar and eciliate lips.

Epidendrum isochilum var. tridens Rchb. f. in Ber. Deutsch. Bot. Ges. 3: 277. 1885.

Syn.: Epidendrum belvederense Fawc. & Rendle in Jour. Bot. 47: 123. 1909.



Figures 1-4, West Indian orchids. Fig. 1, a-d, Cryptophoranthus erosus Garay; Fig. 2, e-f, Lepanthopsis Dodii Garay; Fig. 3, g-j, Brachionidium ciliolatum Garay; Fig. 4, k-n, Campylocentrum constanzense Garay. All figures greatly magnified.

There appears to be no distinction between *Epidendrum belvederense* Fawc. & Rendle and *E. isochilum* var. *tridens* Rchb. f. as a study of the holotypes indicates. Judging from the number of specimens which I have examined of this species from the Dominican Republic, this variety seems to be much more common than the typical variety, which is described as having an entire lip.

Epidendrum neoporpax Ames in Bot. Mus. Leafl. Harvard Univ. 2: 112. 1934.

Basionym: Epidendrum Porpax Rchb. f. in Flora 48: 278. 1865 not Rchb. f. 1855.

Syn: Epidendrum vestitum Ames in Sched. Orch. 4: 51. 1923.

Epidendrum Porpax var. domingensis Cogn. in Urb. Symb. Antill. 7: 181. 1912.

This rather rare Cuban species has been found recently in Costa Rica, and rediscovered by Mr. Ariza Julia, s.n., in the Dominican Republic: Sabaneta de Yasica, Puerto Plata Province. An examination of the type of Epidendrum Porpax var. domingensis Cogn. in the Bruxelles herbarium convinces me that it is identical with E. neoporpax Ames.

Epidendrum Sintenisii Rchb. f. in Ber. Deutsch. Bot. Ges. 3: 277. 1885.

Syn.: Epidendrum monticolum Fawc. & Rendle in Jour. Bot. 47: 124. 1909.

Recently I had the opportunity to examine and to compare the holotypes of E. Sintenisii Rchb. f. and E. monticolum Fawc. & Rendle. As a result of this study, I am convinced that they are conspecific. Epidendrum Sintenisii is now recorded from Puerto Rico and Jamaica.

Stellilabium minutiflorum (Krzl.) Garay, comb. nov.

Basionym: Telipogon minutiflorus Krzl. in Ann. Nat. Hist. Mus. Wien 33: 14. 1919.

Syn.: Telipogon Lankesteri Ames Sched. Orch. 3: 23. 1923.

Stellilabium Helleri L. O. Wms. in Brittonia 14: 443. 1962.

This rather rare Costa Rican species has recently been found in the Dominican Republic: Casalito Bonao by Rev. D. Dod, s.n. (NY). This is also a new record for the West Indies. Stellilabium Helleri L. O. Wms., of which I also have studied the holotype, agrees in every respect with Kraenzlin's type material which I examined in Vienna. Telipogon Lankesteri Ames likewise, does not offer any criterion by which it could be kept separate from S. minutiflorum (Krzl.) Garay.

Polyradicion Garay, gen. nov.

Pfitzer in describing the genus Polyrrhiza stated that it consists of four West Indian species. Of these four he mentioned only one in making